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PATENT APPLICATION SERIAL NO. \_\_\_\_\_

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE  
FEE RECORD SHEET

06/25/2003 RMEBRAHT 00000046 10601102

01 FC:2001	375.00 OP
02 FC:2201	126.00 OP
<del>03 FC:2202</del>	<del>144.00 OP</del>

Adjustment date: 01/14/2004 - RMEBRAHT  
~~06/25/2003 RMEBRAHT 00000046 10601102~~  
~~03 FC:2202~~ -144.00 OP

01/14/2004 RMEBRAHT 00000001 10601102

01 FC:2202	126.00 OP
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01/14/2004 SSANDARA 00000004 10601102

01 FC:9998	18.00 OP
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s):

Kenneth J. BALKUS, Jr. et al.

U.S. Serial No.:

(Not Yet Assigned)

U.S. Filing Date:

(Herewith)

Title of Invention:

ELECTROSPUN MESOPOROUS  
MOLECULAR SIEVE FIBERS

Attorney Reference:

46847-00021USPT

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

CERTIFICATE OF MAILING BY EXPRESS MAIL

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Date of Deposit: June 20, 2003

I hereby certify that this paper, including the documents referred to therein, or for is being deposited with the U.S. Postal Service Express Mail Post Office to Addressee service under 37 C.F.R. § 1.10 on the date indicated above and is addressed to: Mail Stop Patent Application

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Type of Print Name: Marcy Overstreet

Signature: *Marcy Overstreet*

Sir:

**UTILITY PATENT APPLICATION TRANSMITTAL**

**UNDER 37 C.F.R. § 1.53(b)**

This is an express request to place a utility application on file in accordance with 37 C.F.R. § 1.53(b) in the United States Patent and Trademark Office.

1. ☒ Enclosed are 17 pages of the specification, 5 pages of claims, and 1 page containing the abstract.

17612 U.S. PTO  
10/601102  
05/20/03

**PATENT APPLICATION**  
**Docket No. 46847-000021USPT**

2. ☒ Thirteen sheets of drawings containing Figures 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12 and 13 are enclosed.
3. ☒ The name(s), mailing address(es) and citizenship of the inventor(s) for this application are as follows:

Inventor	Name	Address	Country of Citizenship
(1)	Kenneth J. BALKUS, Jr.	5405 Merrell Circle The Colony, TX 75056 United States of America	U.S.A.
(2)	John P. FERRARIS	153 Hollywood Street Coppell, TX 75019 United States of America	U.S.A.
(3)	Sudha MADHUGIRI	2200 Waterview Parkway, #2321 Richardson, TX 75080 United States of America	INDIA
(4)	Ashley S. SCOTT	3534 Lake Mead Drive Grove City, OH 43123 United States of America	U.S.A.

4. ☒ An unsigned combined Declaration and Power of Attorney document is enclosed.
5. ☐ An Information Disclosure Statement Under 37 C.F.R. § 1.97(b) is enclosed, along with PTO Form-1449 and a copy of each reference identified on PTO Form-1449.

**PATENT APPLICATION**  
**Docket No. 46847-000021USPT**

6. ☒ Applicants claim priority to U.S. Provisional Application Serial No. 60/390,798 as filed on June 21, 2002, in accordance with 35 U.S.C. §120.
7. ☒ Applicants qualify for small entity and/or independent inventor status as defined in 13 C.F.R. § 121.12, and reproduced in 37 C.F.R. § 1.9(c) and/or (d) respectively for purposes of paying reduced fees to the United States Patent and Trademark Office in connection with this application.
8. ☒ The filing fee is calculated by adding the appropriate Basic Fee to the fees for the number and types of claims presented for filing under 37 C.F.R. § 1.53(b), specifically:

FOR	NUMBER FILED	NUMBER EXTRA	RATE	CALCULATION
TOTAL CLAIMS	36 -20=	16	x \$ 18.00 =	\$ 288
INDEPENDENT CLAIMS	6 -3=	3	x \$ 84.00 =	\$ 252
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			x \$ 280 =	\$ 0
BASIC FEE				750
TOTAL OF ABOVE CALCULATIONS =				\$ 1290
REDUCTION BY 1/4 FOR FILING BY SMALL ENTITY (Note 37 C.F.R. 1.9, 1.27, 1.28).				645
Total =				\$ 645

9. ☒ A check is enclosed.

10. ☒ Also enclosed:

1. Certificate of Express Mailing (Receipt No. EL654522117US); and
2. Filing Postcard.

**PATENT APPLICATION**  
**Docket N . 46847-000021USPT**

11. ☒ Address all future communications to:

**JENKENS & GILCHRIST**  
A Professional Corporation  
1445 Ross Avenue, Suite 3200  
Dallas, Texas 75202-2799

Respectfully submitted,



**Lekha Gopalakrishnan**  
Reg. No. 46,733

Date: June 20, 2003  
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